

Comparisons of Job Characteristics

Focus Occupation: [Operating Engineers and Other Construction Equipment Operators \(47-2073\)](#)

Associated Occupation: [Logging Equipment Operators \(45-4022\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 64

Focus Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)

Associated Occupation: Logging Equipment Operators (45-4022)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	14.4	13.4	0	Current knowledge level may be sufficient
Public Safety and Security	6.9	6.8	10.5	>>	Current knowledge level is likely more than sufficient
Transportation	4.6	5.8	5.8	0	Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 88

Focus Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)

Associated Occupation: Logging Equipment Operators (45-4022)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation and Control	5.4	13.3	13.4	0	Current skill level may be sufficient
Operation Monitoring	6.6	11.6	10.0	<	A higher skill level may be required
Equipment Maintenance	3.5	9.2	6.9	<<	Extensive development of skills in this area may be required
Quality Control Analysis	5.9	9.1	7.5	<	A higher skill level may be required
Repairing	3.4	8.0	6.4	<	A higher skill level may be required
Troubleshooting	4.5	7.3	6.6	<	A higher skill level may be required
Equipment Selection	3.3	5.8	4.9	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 85

Focus Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)

Associated Occupation: Logging Equipment Operators (45-4022)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Reaction Time	4.8	14.1	9.7	<<	Extensive improvement in abilities may be required
Multilimb Coordination	6.0	13.9	13.2	0	Current ability level may be sufficient
Control Precision	6.6	13.6	12.6	0	Current ability level may be sufficient
Depth Perception	5.3	13.0	12.2	0	Current ability level may be sufficient
Response Orientation	4.0	11.4	8.7	<<	Extensive improvement in abilities may be required
Far Vision	7.8	10.5	8.3	<	Some improvement in abilities may be required
Auditory Attention	5.9	10.2	7.5	<<	Extensive improvement in abilities may be required
Rate Control	3.8	9.7	8.6	<	Some improvement in abilities may be required
Spatial Orientation	2.7	7.7	5.3	<<	Extensive improvement in abilities may be required
Peripheral Vision	2.2	7.2	5.1	<<	Extensive improvement in abilities may be required
Night Vision	2.1	5.5	3.6	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 92

Focus Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)

Associated Occupation: Logging Equipment Operators (45-4022)

Work Activities	Exclusivity of Activity
Fasten attachments or accessories to tractor	92
Grade or redistribute earth for roads or other construction	87
Operate material moving, loading, or unloading equipment	75
Operate tractor with accessories or attachments	76
Signal directions or warnings to coworkers	42

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)

Associated Occupation: Logging Equipment Operators (45-4022)

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.